SEQUENCE LISTING

<110> KIM, SUNGHOON
KO, YOUNG-GYU

<120> IMMUNOLOGICAL ENHANCEMENT AGENT COMPRISING N-TERMINAL PEPTIDE OF P43 AS AN EFFECTIVE COMPONENT

<130> 058333/0106

<140> 09/930,169
<141> 2001-08-16

<150> KR 2001-31310
<151> 2001-06-05

<160> 11

<170> PatentIn Ver. 2.1

<210> 1
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Met Ala Asn Asn Asp Ala Val Leu Lys Arg Leu Glu Gln Lys Gly Ala
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Glu Ala Asp Gln Ile Ile Glu Tyr Leu Lys Gln Gln Val Ser Leu Leu
             20                  25                  30

Lys Glu Lys Ala Ile Leu Gln Ala Thr Leu Arg Glu Glu Lys Lys Leu
         35                  40                  45

Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln
     50                  55                  60

Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe
 65                  70                  75                  80

Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val
                 85                  90                  95

Ile Gln Ser Thr Ala Val Thr Thr Val Ser Ser Gly Thr Lys Glu Gln
            100                 105                 110

Ile Lys Gly Gly Thr Gly Asp Glu Lys Lys Ala Lys Glu Lys Ile Glu
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Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln Gln Ser Ile Ala Gly Ser
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Ala Asp Ser
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<220>
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Glu Ala Asp Gln Ile Ile Glu Tyr Leu Lys Gln Gln Val Ser Leu Leu
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Lys Glu Lys Ala Ile Leu Gln Ala Thr Leu Arg Glu Glu Lys Lys Leu
35 40 45

Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln
50 55 60

Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe
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Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val
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Ile Gln Ser Thr Ala Val Thr Thr Val Ser Ser Gly
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<220>
<223> Description of Unknown Organism: Mammalian protein sequence

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Ser Gly Thr Lys Glu Gln Ile Lys Gly Gly Thr Gly Asp Glu Lys Lys
20 25 30

Ala Lys Glu Lys Ile Glu Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln
35 40 45

Gln Ser Ile Ala Gly Ser Ala Asp Ser Lys Pro Ile Asp Val Ser Arg
50 55 60

Leu Asp Leu Arg Ile Gly Cys Ile Ile Thr Ala Arg Lys His Pro Asp
65 70 75 80

Ala Asp Ser Leu Tyr Val Glu Glu Val Asp Val Gly Glu Ile Ala Pro
85 90 95

Arg Thr Val Val Ser Gly Leu Val Asn His Val Pro Leu Glu Gln Met
100 105 110

Gln Asn Arg Met Val Ile Leu Leu Cys Asn Leu Lys Pro Ala Lys Met
115 120 125

Arg Gly Val Leu Ser Gln Ala Met Val Met Cys Ala Ser Ser Pro Glu
130 135 140

Lys Ile Glu Ile Leu Ala Pro Pro Asn Gly Ser Val Pro Gly Asp Arg
145 150 155 160

Ile Thr Phe Asp Ala Phe
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<210> 4
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR Primer

<400> 4
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<210> 5
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<212> DNA
<213> Artificial Sequence

<220>
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<210> 6
<211> 32
<212> DNA
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<220>
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<210> 7
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<212> DNA
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<210> 8
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<212> DNA
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<210> 9
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: PCR Primer

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<210> 10
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<223> Description of Artificial Sequence: PCR Primer

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